

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF120825AL\
 Data File : FF016867.D
 Signal(s) : FID2B.ch
 Acq On : 08 Dec 2025 19:18
 Operator : YP\AJ
 Sample : Q3530-08
 Misc : 5PPM WATER LOQ
 ALS Vial : 78 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT4-2025

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 12/09/2025
 Supervised By :Yogesh Patel 12/09/2025

Integration File: autoint1.e
 Quant Time: Dec 09 04:37:17 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 102925.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 30 03:19:27 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.384	2150382	18.733 ug/mlm
Spiked Amount 50.000		Recovery =	37.47%
Target Compounds			
1) T n-Nonane (C9)	3.302	339021	2.826 ug/ml
2) T n-Decane (C10)	4.560	432673	3.539 ug/ml
4) T n-Dodecane (C12)	6.737	520101	4.223 ug/ml
6) T n-Tetradecane (C14)	8.570	533222	4.393 ug/ml
7) T n-Hexadecane (C16)	10.178	507735	3.994 ug/mlm
8) T n-Octadecane (C18)	11.624	550956	4.170 ug/ml
10) T n-Eicosane (C20)	12.938	614260	4.665 ug/ml
11) T n-Heneicosane (C21)	13.551	561958	4.304 ug/ml
13) T n-Docosane (C22)	14.139	600296	4.514 ug/ml
14) T n-Tetracosane (C24)	15.246	597775	4.297 ug/ml
15) T n-Hexacosane (C26)	16.271	589406	4.254 ug/ml
16) T n-Octacosane (C28)	17.224	572828	4.145 ug/ml
17) T n-Tricontane (C30)	18.114	578278	4.112 ug/ml
18) T n-Dotriacontane (C32)	18.950	569005	4.198 ug/mlm
19) T n-Tetratriacontane (C34)	19.737	534677	4.520 ug/ml
20) T n-Hexatriacontane (C36)	20.480	522798	5.329 ug/ml
21) T n-Octatriacontane (C38)	21.233	490655	5.574 ug/mlm
22) T n-Tetracontane (C40)	22.173	476734	5.622 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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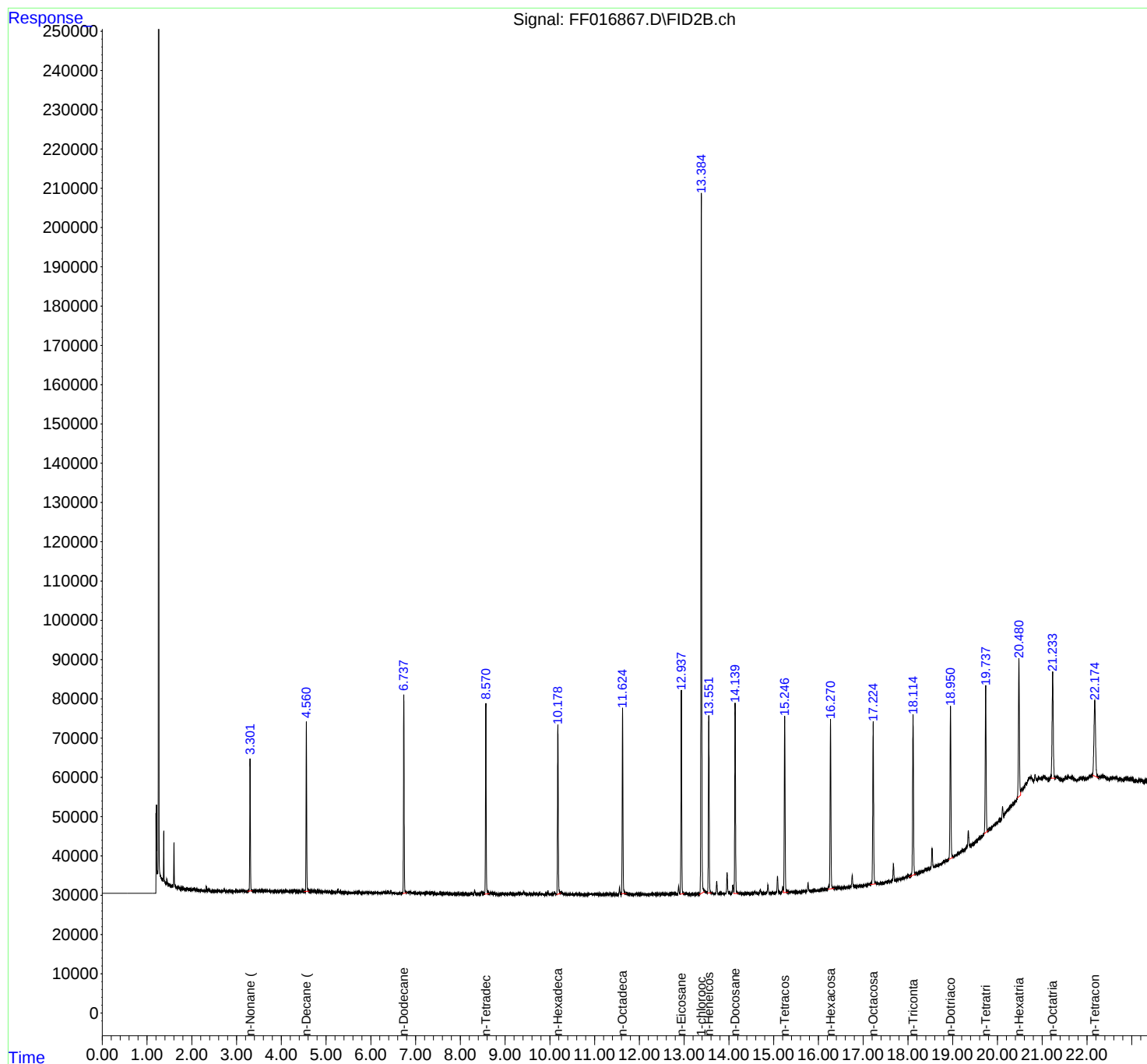
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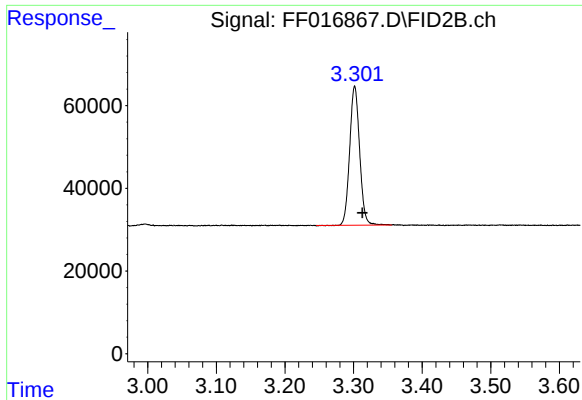
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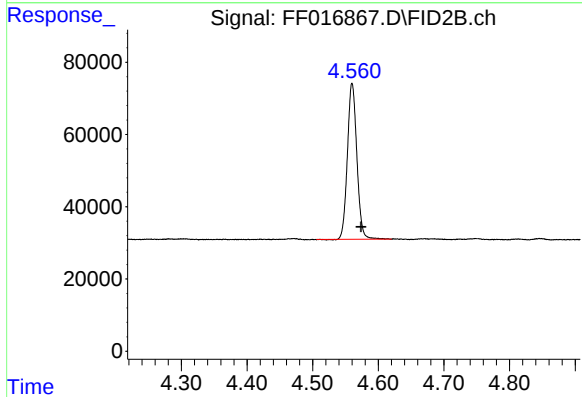
#1 n-Nonane (C9)

R.T.: 3.302 min
Delta R.T.: -0.011 min
Response: 339021
Conc: 2.83 ug/ml

Instrument : FID_F
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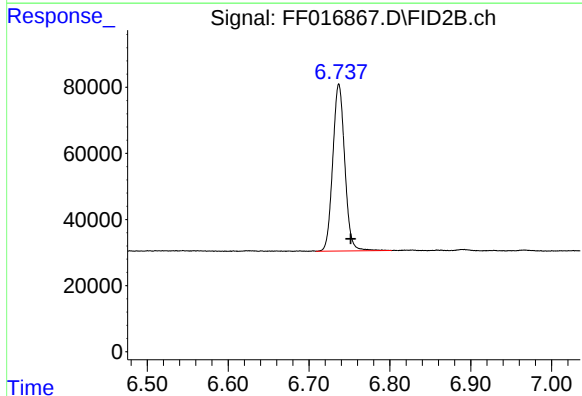
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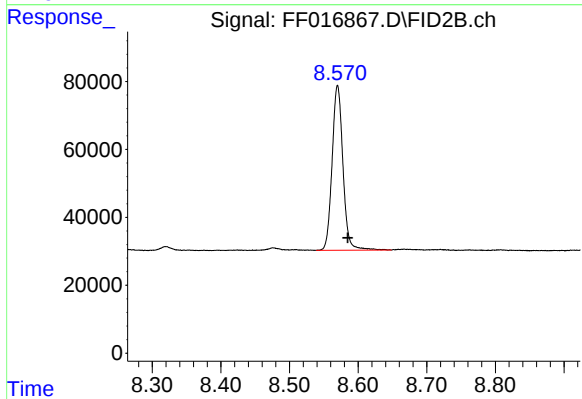
#2 n-Decane (C10)

R.T.: 4.560 min
Delta R.T.: -0.013 min
Response: 432673
Conc: 3.54 ug/ml



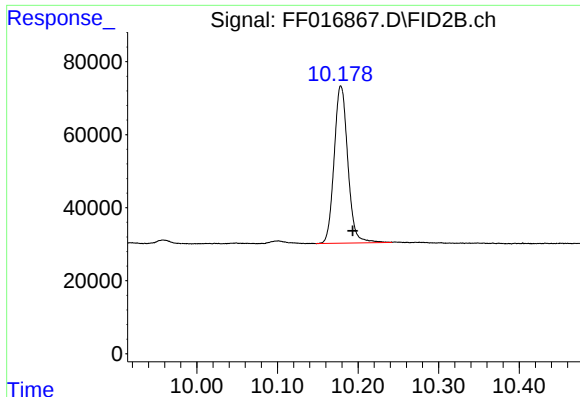
#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.015 min
Response: 520101
Conc: 4.22 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.570 min
Delta R.T.: -0.015 min
Response: 533222
Conc: 4.39 ug/ml



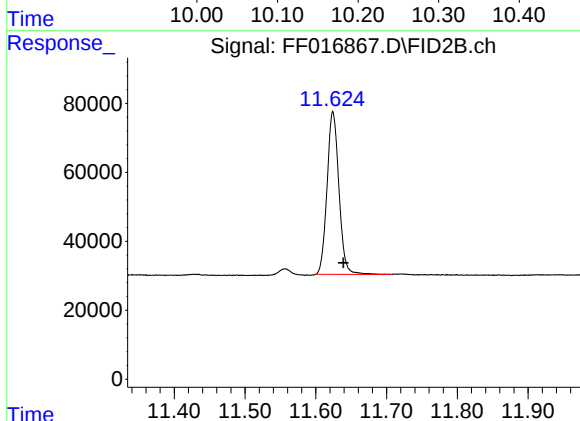
#7 n-Hexadecane (C16)

R.T.: 10.178 min
Delta R.T.: -0.015 min
Response: 507735
Conc: 3.99 ug/ml

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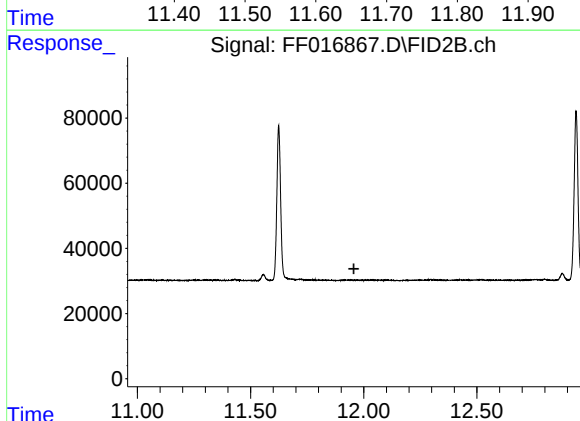
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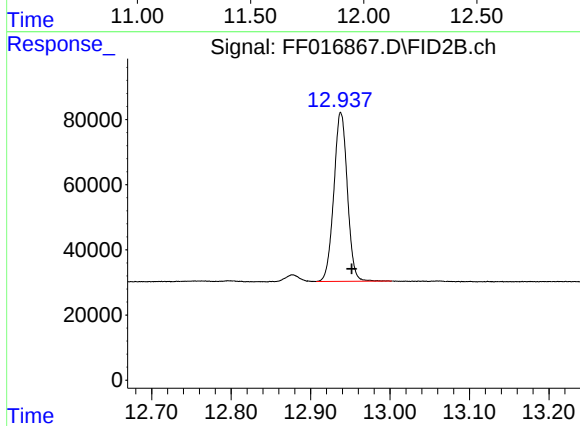
#8 n-Octadecane (C18)

R.T.: 11.624 min
Delta R.T.: -0.015 min
Response: 550956
Conc: 4.17 ug/ml



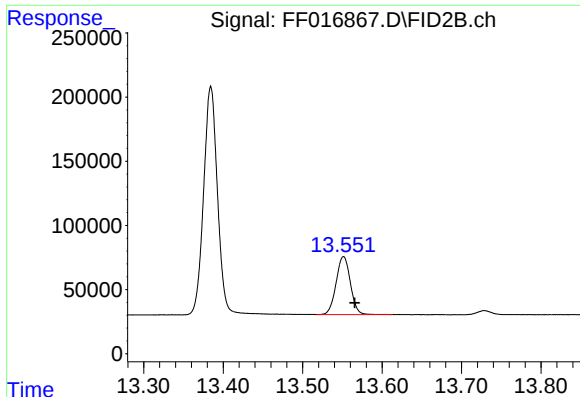
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.957 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: -0.014 min
Response: 614260
Conc: 4.67 ug/ml



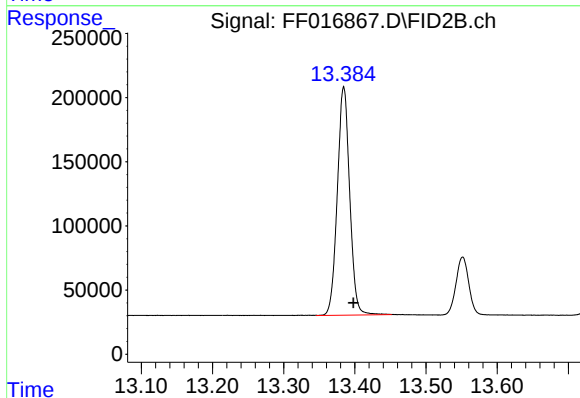
#11 n-Heneicosane (C21)

R.T.: 13.551 min
Delta R.T.: -0.014 min
Response: 561958
Conc: 4.30 ug/ml

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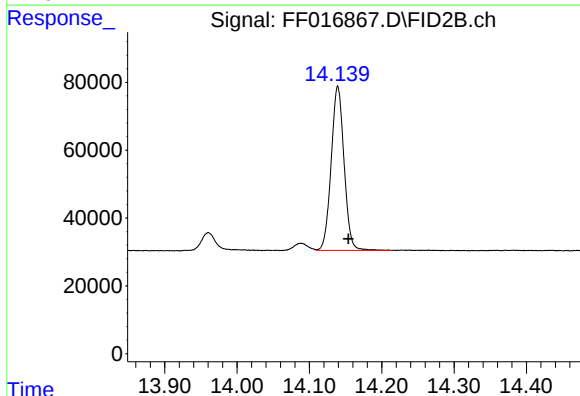
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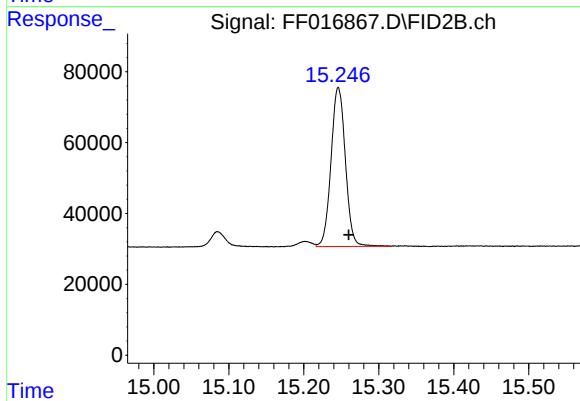
#12 1-chlorooctadecane (SURR)

R.T.: 13.384 min
Delta R.T.: -0.014 min
Response: 2150382
Conc: 18.73 ug/ml m



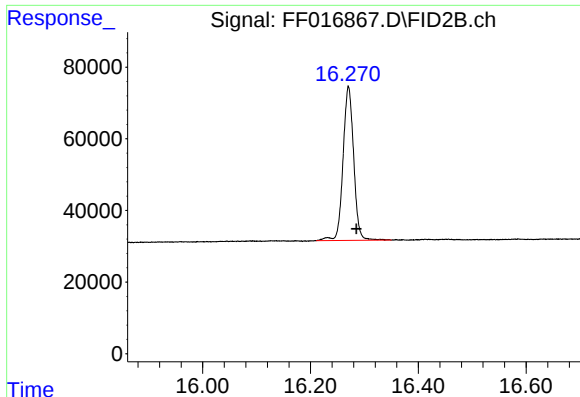
#13 n-Docosane (C22)

R.T.: 14.139 min
Delta R.T.: -0.015 min
Response: 600296
Conc: 4.51 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: -0.014 min
Response: 597775
Conc: 4.30 ug/ml



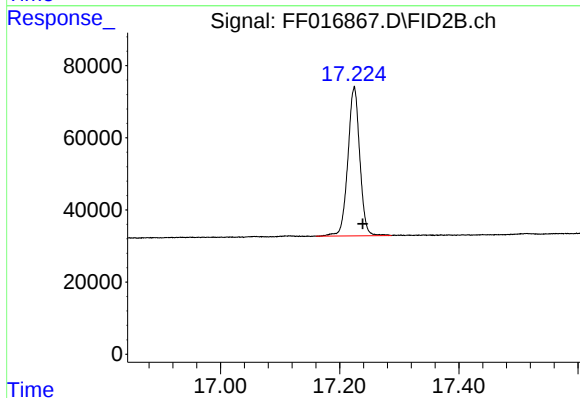
#15 n-Hexacosane (C26)

R.T.: 16.271 min
Delta R.T.: -0.015 min
Response: 589406
Conc: 4.25 ug/ml

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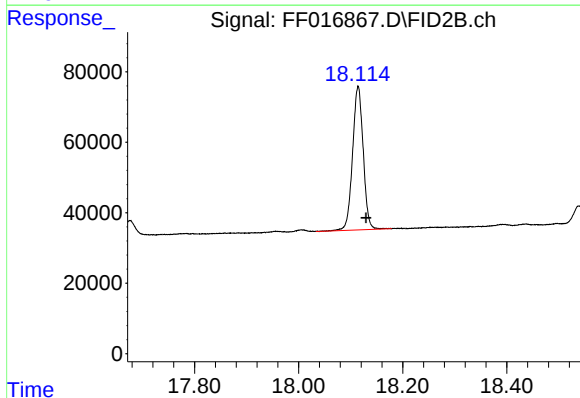
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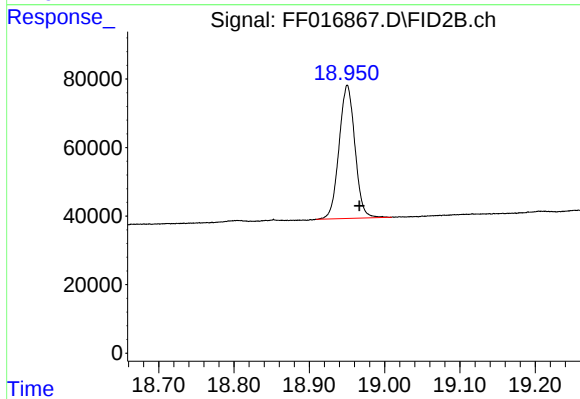
#16 n-Octacosane (C28)

R.T.: 17.224 min
Delta R.T.: -0.014 min
Response: 572828
Conc: 4.14 ug/ml



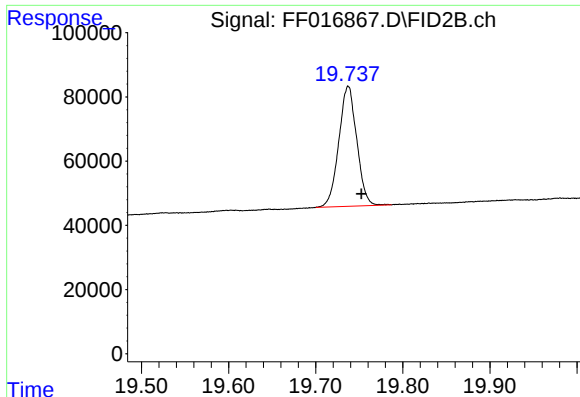
#17 n-Tricontane (C30)

R.T.: 18.114 min
Delta R.T.: -0.015 min
Response: 578278
Conc: 4.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.950 min
Delta R.T.: -0.017 min
Response: 569005
Conc: 4.20 ug/ml m



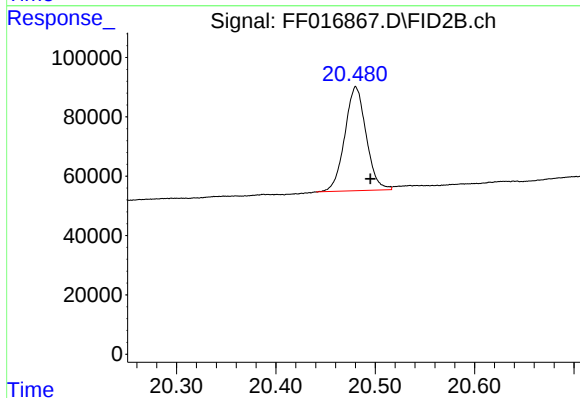
#19 n-Tetratriacontane (C34)

R.T.: 19.737 min
Delta R.T.: -0.015 min
Response: 534677
Conc: 4.52 ug/ml

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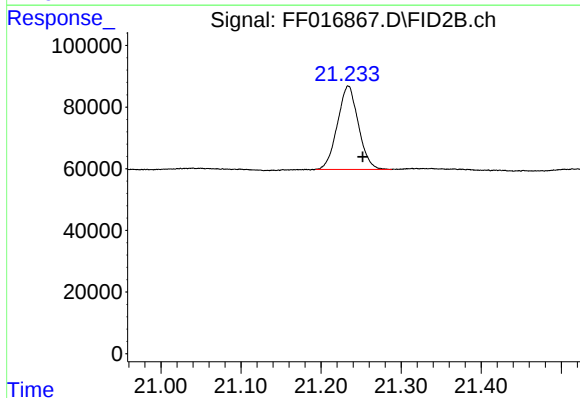
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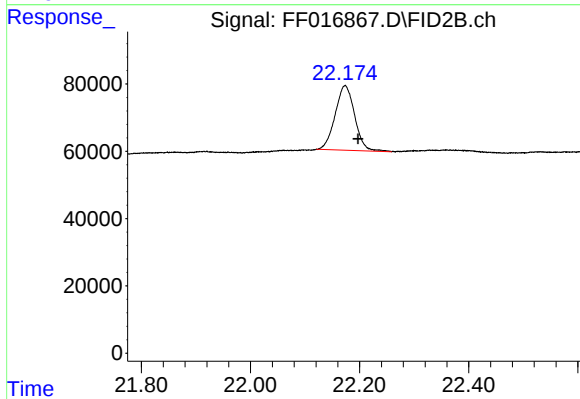
#20 n-Hexatriacontane (C36)

R.T.: 20.480 min
Delta R.T.: -0.015 min
Response: 522798
Conc: 5.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min
Delta R.T.: -0.019 min
Response: 490655
Conc: 5.57 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.173 min
Delta R.T.: -0.024 min
Response: 476734
Conc: 5.62 ug/ml